C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																		RID	GE T	ILL					NO-	TILL								STR	IP TI	LL						
	CLEAN		SPRING		FALL	MULO	СН ТП	LAGI	E		SPRIN	G MU	LCH T	ILLA	GE				(Cultiv	ated)																						
CROP SEQUENCE	PLO	w	PLOW			% COV	ER AFTI	ER PLA	NTING			•	% COVI	R AFTI	ER PLAN	TING				% COV	ER AFTI	R PLAN	TING			% COVE	RAFTE	R PLAN	NTING				ı	% COV	ER AFT	ER PLA	NTING					
	FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

ESTABLISHED ALFALFA

CROP TO BE PLANTED:

ALFALFA

Previous Crop Was:

Tre troub Crop in us.																						
Alfalfa Dir. Seeded	.03																					
Alf/Oats (silaged)	.03																					
Alfalfa 1st yr	.009																					
Alfalfa 2nd yr	.006																					
Alfalfa >=3rd yr	.004																					

ALFALFA ESTABLISHMENT

CROP TO BE PLANTED:

DIRECT SEEDED ALFALFA

Previous Crop Was:

Ticvious Crop was.	<u> </u>																																
Com	.11	.09		.07	.05	.04	.03	.03			.07	.05	.04	.03	.02							.02	.02	.01								ĺ	
Corn Silage	.18	.16	.14							.14										.08													
Grain Sorghum	.11	.09		.07	.05	.04	.03				.06	.05	.04	.03								.02	.02	.01									
Sorgh/Sudan																																	
Soybeans	.14	.11		.09	.07					.10	.08	.07	.05								.04	.03											
Spring Wheat	.18	.14		.11	.09	.07					.10	.08	.07	.06							.05	.04	.03										
Watemellons		.18								.17																							
Winter Wheat	.12	.10			.06	.05	.04	.03	.03		.07	.05	.04	.03	.03							.03	.02	.02	2 .0	009	.008						

ALFALFA ESTABLISHMENT

CROP TO BE PLANTED:

ALFALFA / OAT (SILAGE)

Previous Crop Was	<u>:</u>																														
Corn	.05	.04		.03	.02	.02	.01	.01		.03	.02	.02	.01	.01							.007	.006	.00	1 .00	3						
Corn Silage	.10	.09	.09																.04												
Grain Sorghum																															ĺ
Sorgh/Sudan																															
Soybeans	.06	.05		.04	.03					.04	.03	.02								.01	.01	.007	.00	5							
Spring Wheat	.12	.08		.07	.06	.05				.06	.05	.04	.04							.03	.03	.02									
Winter Wheat																															

NOTE:

The crop to be planted is the 2nd year after alfalfa.

NOTE:

.00

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGI	Е		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW		,	% COVE	ER AFTI	ER PLA	NTING			,	% COVI	R AFT	ER PLA	NTING			•	% COVI	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

BARLEY

			DAI	 _																													
Previous Crop Was:																																	
Alfalfa																											<u> </u>	Ш.			Ш,		
Barley	.12	.10		.07	.06	.05	.04	.03		.07	.06	.04	.03	.03	.02						.03	.02	.02	.02	.008	.007							
Corn	.11	.10		.07	.06	.05	.04	.03		.07	.06	.05	.03	.03						.03	.03	.02	.02	.01	.007	.005	i						
Corn Silage	.15	.15		.11	.08					.11	.08								.08	.05	.04	.03	.02										
Dry Beans																											<u> </u>	Ш.			Ш,		
Flax																																	
Grain Sorghum	.10	.09		.07	.06	.05	.03			.07	.05	.04	.03	.02							.03	.02	.02	.008	.007								
Sorghum Silage	.16	.16		.11	.09					.11	.08	.07								.06	.04	.02	.02							Щ			
Millet																											<u> </u>	Ш.			Ш,		
Oats	.13	.11		.08	.06	.05	.04	.03		.08	.06	.05	.03	.03	.02						.03	.03	.02	.02	.009	.008	į.						
Potatoes																																	
Rapeseed																														Щ			
Rye																											<u> </u>	Ш.			Ш,		
Safflower																																	
Sorghum/Sudan	.12	.11		.09	.07					.09	.07	.05							.06	.05	.04	.02	.02	.01									
Soybeans (Narrow row)	.12	.12		.09	.07					.09	.06	.05									.04	.03	.02	.01	.01								
Soybeans (Wide row)	.12	.12		.09	.07					.09	.07	.05									.04	.03	.02	.01	.01								
Spring Wheat	.16	.13		.10	.08	.07	.05			.10	.08	.06	.05							.06	.05	.04		.02	.01								
S. Fallow (Barley)	.24	.24		.15	.11					.12	.10									.08	.05	.03	.02	.02				T					
S. Fallow (Millet)																													T				
S. Fallow (Oats)	.23	.23		.14	.11	.08				.14	.10									.07	.05	.04	.02	.02				T					
S.Fallow (Sp. Wheat)	.24	.24		.16	.11					.15	.11								.11	.08	.06	.03	.02										
Sunflowers	.12	.11		.08						.08	.06	.04							.05	.04	.03	.02	.01	.01									
Winter Wheat	.13	.11		.09	.07	.06	.05	.04		.08	.06	.05	.04	.03							.03	.03	.02	.02									

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

Ī																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	СН ТП	LAG	E		SPRIN	G MUI	LCH T	TILLA	GE.				(Cultive	ated)																						
	CROP SEQUENCE	PLOV	W	PLOW			% COVE	ER AFTI	ER PLA	NTING			9	% COVI	R AFT	ER PLA	NTING				% COVE	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	% COVI	ER AFT	ER PLA	ANTING					
		FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

CORN FOR GRAIN

			COI	/14	<u> FOI</u>	<u>۱</u>	NA	IN																														
Previous Crop Was:																																						
Alfalfa	.29	.21			.23	.20	.17			.1′	7 .1	5 .	12	.10											.05	.03												
Barley	.35	.31		.24	.19	.16	.12	.10		.19	9 .1	6 .	12	.10	.09			.19	.17	.15					.08	.06	.05	.04	.02			.10	.08	.06	.05			L
Corn	.37	.36		.28	.24	.19	.16			.23	3 .1	9 .	16	.16	.12			.22	.20					.12	.10	.06	.05	.04				.13	.11	.09				
Corn Y2	.36	.33			.27	.23	.19	.16		.20	6 .2	22 .	17	.14											.08	.06	.05											
Corn Silage	.47	.45		.36	.28	<u>.24</u>	<u>.20</u>			.30	6 <u>.2</u>	23	20	<u>.16</u>		.39			.21			.25	.16							.25								i
Dry Beans																																						
Flax																																						
Grain Sorghum	.35	.34			.27	.23	.19			.28	8 .2	23 .	18	.15				.22	.20					.11	.09	.06	.05					.13	.10					l
Sorghum Silage	.46	.45			.37					.3:	5						.37					.24	.16															
Millet	.35	.31			.24	.19	.15	.12		.23	3 .1	9 .	14	.11				.20	.18					.11	.09	.06	.05	.03									'	ı
Oats	.38	.34		.27	.22	.17	.13	.11		.22	2 .1	7 .	13	.11	.10										.09	.07	.06	.05					.09	.08	.06			i
Potatoes																																		<u> </u>			<u>'</u>	
Rapeseed																																						
Rye																																<u> </u>						Ш
Safflower	.46	.45								.3:	5											.30	.20															
Sorghum/Sudan	.45	.44		.36						.33	5						.36					.29	.22	.21										<u> </u>			<u> </u>	
Soybeans (Narrow row)	.43	.41		.35	.31					.3	1 .2	28 .	24				.32	.30					.22	.18	.15	.10					.23	.19						
Soybeans (Wide row)	.43	.42		.35	.31					.3	1 .2	28 .	24				.33	.32						.14	.12	.11	.09				.21	.16		<u> </u>			<u>'</u>	l l
Spring Wheat	.43	.39		.31	.25	.20				.23	5 .2	20 .	18					.27	.24					.14	.11	.09					.18	.14	.11					
S. Fallow (Barley)	.48	.48				.26	.20			.34	4 .2	26											.18	.14	.07	.06				<u> </u>							<u> </u>	ш
S. Fallow (Corn)	.49	.49			.37	.30				.3′	7 .3	30 .	25									.23	.15	.11														
S. Fallow (Millet)																														<u> </u>							'	ш
S. Fallow (Oats)	.49	.49			.36	.27	.19			.3:	5 .2	27 .	21										.19	.15	.10	.06												
S.Fallow (Sp. Wheat)	.51	.51			.38	.28				.3	7 .2	28											.21	.13	.09					╙		<u> </u>					<u></u> '	ш
Sunflowers	.39	.38			.30					.30	0 .2	24					.27					.18	.15	.11	.09					.21	.16	.13						
Watermellons		.50		.45	_					.44																				<u> </u>		<u> </u>	<u> </u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	<u> </u>	Ш	└	ш
Winter Wheat		.35			.28	.22	.17	.14		.20	6 .2	21 .	16	.13	.10			.23	.21						.11	.09	.07					.14	.11	.09				1

CROP TO BE PLANTED:

CULTIVATED CORN FOR GRAIN

Previous	Crop	Was:

Ticvious Crop was.																														
Corn	.36	.35		.28	.24	.20	.17			.27	.23	.20	.16							.17	.14	.13	.10							
Corn Silage	.45	.45	.40						.40									.35	.29											
Grain Sorghum	.33	.32			.22	.19	.16		.25	.21	.22	.19	.15								.13	.12	.10	Т						
Soybeans (Wide row)	.44	.41	.38	.36	.32				.37	.35	.31	.26							.29	.26	.24	.20								
Spring Wheat	.42	.39		.32	.26	.21				.30	.25	.21								.18	.16	.13								
Sunflowers	.39	.37	.33	.31					.33	.31	.25								.23	.21	.17									

NOTE: Y2

The crop to be planted is the 2nd year after alfalfa.

NOTE:

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C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

Ī																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	СН ТП	LAG	E		SPRIN	G MUI	LCH T	TILLA	GE.				(Cultive	ated)																						
	CROP SEQUENCE	PLOV	W	PLOW			% COVE	ER AFTI	ER PLA	NTING			9	% COVI	R AFT	ER PLA	NTING				% COVE	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	% COVI	ER AFT	ER PLA	ANTING					
		FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

CORN SILAGE

			COI	XIV.	OIL.	AG	=																																
Previous Crop Was:																																							
Alfalfa	.26	.18				.17	.15				.15	.13	.10	.08												.04	.03									Щ			
Barley	.32	.29			.23	.18	.14				.21	.17	.14	.11	.08			.18	3 .1	16 .	14					.08	.06	.04					.10	.08	.06				
Corn	.34	.32			.26	.21	.18	.14				.20	.16	.13				.21	1 .1	9					.11	.09	.09	.04	.03				.12	.09	.07	Щ			
Corn Silage	.43	.43		.39	.25	.22	.17			.39	<u>.25</u>	.21	.17	.14		.40			.1	8												<u> </u>	<u> </u>			Ш.			
Corn Silage Y2	.41	.39		.39						.34	.31												.16																
Dry Beans																																		<u> </u>	╙	Ш.		Щ	
Flax																																							
Grain Sorghum	.33	.33			.25	.21	.17				.25	.21	.16					.21	1 .1	9				.13	.11	.08	.06					.15	.11	.09		Ш.		Щ	
Sorghum Silage	.43	.43			.36						.34												.23																
Millet	.32	.29			.22	.18	.14	.11			.22	.17	.12	.10				.19	.1	17					.10	.08	.06	.04						<u> </u>	╙	Ш.		Щ	
Oats	.36	.32			.25	.19	.16	.12			.23	.19	.14	.11	.09			.21	1 .1	9 .	17					.08	.07	.06	.05				.11	.09	.07	.06			
Potatoes																																		<u> </u>		Ш.		Щ	
Rapeseed																																			4				
Rye																																		<u> </u>	╙	Ш.		Щ	
Safflower																																							
Sorghum/Sudan	.43	.42			.35						.34						.36						.29									$oxed{oxed}$			╙	Ш		Ш	
Soybeans (Narrow row)	.41	.40			.33						.32	.27					.32							.21	.17	.15					.28	.24	.18						
Soybeans (Wide row)	.41	.39			.33						.32	.27					.32							.17	.13	.11					.23	.20	.16			Ш.		Щ	
Spring Wheat	.41	.37			.29	.24	.19				.29	.23	.19					.26	5						.15	.11	.07					.18	.15	.11					
S. Fallow (Sorn Sil.)	.48	.48			.37						.37	.29				$oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}$.20	.14							<u> </u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$		Ш	$oldsymbol{\perp}$	Ш	\perp	\perp	
Sunflowers	.37	.36		.31	.28					.30	.28	.23					.26							.17	.14						.21	.17							
Winter Wheat	.36	.32			.25	.20	.16	.13			.24	.19	.15	.12	.09			.21	1 .1	9						.10	.08	.06				<u> </u>	.12	.10	.08	Ш		丄	

CROP TO BE PLANTED:

CULTIVATED CORN SILAGE

Previous Crop Was:

NOTE:

Previous Crop	o was:																									
Corn	.36	.34	.39	.28	.24	.20			27	.24 .	18						.20	.17	.15	.13						
Corn Silage	.42	.43	.39					39																		
Soybeans	.41	.38	.36	.34					33								.27	.25	.22							
Spring Wheat	.41	.37		.30		.20			30	.24 .	19							.18	.15							

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

Ī																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	СН ТП	LAG	E		SPRIN	G MUI	LCH T	TILLA	GE.				(Cultive	ated)																						
	CROP SEQUENCE	PLOV	W	PLOW			% COVE	ER AFTI	ER PLA	NTING			9	% COVI	R AFT	ER PLA	NTING				% COVE	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	% COVI	ER AFT	ER PLA	ANTING					
		FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

GRAIN SORGHUM

			<u>GR</u>	AIN.	<u>so</u>	RG	HU	M																													
Previous Crop Was:																																					
Alfalfa	.25	.18			.19	.16	.13			.14	.11	.09												.04	.03	.02											
Barley	.30	.27			.20	.16	.12	.10		.19	.15	.11	.09	.07			.14	4 .1	2 .	11					.06	.05	.04	.03	.02								
Corn	.32	.31			.23	.18	.15	.12		.23	.18	.14	.11				.16	6 .1	.5						.07	.05	.04					.10	.07	.06	6		
Corn Silage	.41	.38																				.20								.22							
Dry Beans																																	1				
Flax																																					
Grain Sorghum	.32	.32			.23	.18	.15	.12		.23	.18	.14	.11				.16	6 .1	4					.09	.07	.05	.04				.13	.09	.07				
Grain Sorghum Y2																																					
Sorghum Silage	.42	.42			.32					.31						.35						.21	.13														
Millet	.31	.28			.20	.16	.13	.10		.20	.16	.11	.09				.15	5 .1	.3					.08	.07	.05	.04										
Oats	.34	.30			.22	.17	.14	.11		.22	.17	.12	.10	.08				.1	4 .	12					.07	.06	.04	.03									
Potatoes																																					
Rapeseed																																					
Rye																																					
Safflower	.42	.39								.32												.25	.17														
Sorghum/Sudan	.41	.41			.32					.31						.30						.25	.15								Щ						
Soybeans (Narrow row)	.39	.37			.30					.29	.23					.26							.18	.14	.10						Ш.						
Soybeans (Wide row)	.39	.38			.30					.29	.24					.26							.15	.10	.08					.20	.17	.13					
Spring Wheat	.38	.35			.26	.21	.17			.26	.20	.16				.21								.12	.09	.05											
S. Fallow(G. Sor.)	.44	.44			.33	.26				.33	.25											.21	.13	.10													
Sunflowers	.35	.34			.26					.25	.20					.22							.12	.08													
Winter Wheat	.36	.31			.24	.19	.15	.12		.23	.18	.14	.10	.08			.17	7 .1	.5						.09	.07	.06					.11	.09	.07	7		

CROP TO BE PLANTED:

CULTIVATED GRAIN SORGHUM

T Tevious Crop was	Previous	Crop	Was
--------------------	----------	------	-----

NOTE:

Barley	.32	.29		.22	.17	.14	.11			.21	.17	.14	.10							.11	.09	0.0	07 .	06			Ī	1				
Corn	.34	.33		.25	.21	.17				.25	.21	.17								.15	.12		08 .	06								
Sunflowers	.34	.33	.28	.26					.28	.26									.19	.16							T					

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGI	Е		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW		,	% COVE	ER AFTI	ER PLA	NTING			,	% COVI	R AFT	ER PLA	NTING			•	% COVI	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SORGHUM (Wide Row) FOR SILAGE

			•••		•			•																								
Previous Crop Was:																																
Alfalfa																																
Barley	.33	.30		.22	.17	.14	.11			.22	.17	.12	.10				.16	.14	.12					.07	.05	.04	.02					
Corn	.35	.35		.25	.21	.17				.25	.20	.16	.13				.19	.17					.10	.08	.05	.04						
Corn Silage	.46	.45																														
Dry Beans																																
Flax																																
Grain Sorghum	.34	.33		.25	.21	.17				.25	.19	.16					.19						.10	.07	.05							
Sorghum Silage																																
Millet																																
Oats	.37	.33		25	.19	.15	.12			.24	.18	.14	.11				.18	.16						.08	.06	.05	.03					
Potatoes																																
Rapeseed																																
Rye																																
Safflower																																
Sorghum/Sudan	.47	.47		.38						.38					.39	.37					.30											
Soybeans (Narrow row)	.43	.41		.33						.32	.27					.31						.21	.16	.10								
Soybeans (Wide row)	.43	.42		.33						.32	.27					.31						.17	.12	.10								
Spring Wheat	.42	.38		.29	.24	.19				.29	.22	.18					.24						.14	.10								
S. Fallow (Sor. Sil.)																																
Sunflowers	.39	.37		.29						.27						.25					.18	.15	.10									
Winter Wheat	.32	.28		.21	.17	.13	.11			.21	.16	.13	.09	.08			.15	.13						.08	.07	.05						

The crop to be planted is the 2nd year after alfalfa. NOTE: .00

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGI	E		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW		,	% COVE	ER AFTI	ER PLA	NTING			,	% COVI	R AFT	ER PLA	NTING			•	% COVI	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

			MIL	<u>LET</u>																											
Previous Crop Was:																															
Alfalfa																															
Barley																															
Corn	.29	.27			.19	.15	.12	.09		.19	.15	.11	.08						.10	0.0	8 .0)6 .	.04	.03							
Corn Silage	.37	.37			.26					.25								.20	.13	3 .09	9										
Dry Beans																															
Flax																															
Grain Sorghum	.28	.26			.19	.15	.12			.19	.15	.11							.10	0.0	7 .0)6 .	.03	.02							
Sorghum Silage																															
Millet																															
Oats																															
Potatoes																															
Rapeseed																															
Rye																															
Safflower	.37	.36			.27													.22	.16	5											
Sorghum/Sudan	.37	.35			.26					.24								.21	.16	5 .03	8 .0)6									
Soybeans (Narrow row)																															
Soybeans (Wide row)																															
Spring Wheat	.34	.31			.23	.18	.14			.22	.16	.12							.13	3 .10	0.	07 .	.04	.03							
S. Fallow (Barley)	.41	.41			.26	.19				.26	.18								.14	1 .10	0.)5 .	.04	.03							
S. Fallow (Millet)	.44	.41			.30	.18	.13			.26	.18	.13						.21	.13	3 .10	0.)5 .	.03	.03							
S. Fallow (Oats)	.42	.42			.28	.19				.27	.19								.15	5 .10	0.)5 .	.04								
S. Fallow (Sp. Wht.)	.44	.44			.29	.21				.28	.21							.23	.15	5 .03	_	06									
Sunflowers	.31	.30			.21					.19	.15							.15	.10	0.0	8 .0)5									
Winter Wheat	.29	.25			.18	.14	.11	.08		.17	.13	.09	.07	.06					.09	0.	7 .0)5 .	.04	.02	.02						

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																			RID	GE T	ILL					NO-	TILI	,							STR	IP T	LL						
		CLEAN	N TILL	SPRING		FALL	MUL	сн тп	LLAGI	E		PRINC	3 MUL	СН Т	ILLA	GE				(Cultiv	ated)																						
ŀ	CROP SEQUENCE	PLC	ow	PLOW			% COV	ER AFTI	ER PLA	NTING			%	COVE	R AFTE	R PLAN	NTING				% COV	ER AFT	ER PLA	NTING			% COV	ER AFT	ER PLA	NTING					% COV	ER AF	ER PL	NTING	_	_			
L		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5 1	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

OATS

			<u>UA</u>	ı																												
Previous Crop Was:																																
Alfalfa																																
Barley	.12	.09			.08	.06	.05	.04	.03		.07	.05	.04	.03	.03	.02						.03	.02	.02	.02	.008	.007					
Corn	.10	.09			.07	.06	.04	.04	.03		.07	.06	.04	.03	.02							.03	.02	.02	.01	.01	.01					
Corn Silage	.15	.15			.11	.08					.10	.08								.08	.06	.05	.04	.02								
Dry Beans																																
Flax																																
Grain Sorghum	.10	.09			.07	.06	.04	.03			.07	.05	.04	.03	.02							.03	.02	.02	.01	.007						
Sorghum Silage	.16	.15			.11	.09					.11	.08									.06	.04	.02	.02								
Millet																																
Oats																																
Potatoes																																
Rapeseed																																
Rye																																
Safflower	.15	.15			.11						.10									.08	.06	.04	.03									
Sorghum/Sudan	.12	.11			.09	.07					.08	.06									.05	.04	.02	.02								
Soybeans (Narrow row)	.12	.12			.09	.07					.09	.07	.05								.05	.04	.04	.02	.01	.01						
Soybeans (Wide row)	.12	.12			.09	.07					.09	.07	.05								.05	.04	.03	.02	.01	.01						
Spring Wheat	.16	.13			.10	.08	.07	.05			.10	.08	.06	.05							.06	.05	.04	.03	.02	.01						
S. Fallow (Oats)	.24	.24			.15	.11					.12	.10									.08	.05	.03	.02								
Sunflowers	.11	.11			.08						.08	.05								.05	.04	.03	.03	.01	.01							
Winter Wheat	.13	.11			.09	.07	.05	.05	.04		.08	.06	.05	.04	.03							.03	.03	.02	.02	.01	.01					

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: 00 Underlined numbers indicate C factors when 2.5 to

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGI	E		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW		,	% COVE	ER AFTI	ER PLA	NTING			,	% COVI	R AFT	ER PLA	NTING			•	% COVI	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SAFFLOWER

			SAL	.LL	<u> </u>	<u>EK</u>																							
Previous Crop Was:																													
Alfalfa																													
Barley																													
Corn	.36	.34			.27	.22	.18			.27	.20	.17							.17	.14	.11	.08							
Corn Silage																													
Dry Beans																													
Flax																													
Grain Sorghum	.34	.34			.26	.21				.26	.20								.17	.15	.13								
Sorghum Silage																													
Millet	.34	.31			.24	.18	.14			.23	.16	.13							.14	.11	.09	.06							
Oats	.38	.34			.26	.20	.16			.25	.18	.14								.12	.10	.08	.05						
Potatoes																													
Rapeseed																													
Rye																													
Safflower																													
Sorghum/Sudan	.45	.43								.36								.33											
Soybeans (Narrow row)																													
Soybeans (Wide row)																													
Spring Wheat	.42	.38			.30	.24				.30	.23								.20	.16	.10								
S. Fallow (Safflowers)	.50	.50																.20											
Sunflowers																													
Winter Wheat	.38	.34			.26	.21	.16			.25	.20	.14	.12							.13	.11	.08							

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

					RIDGE TILL	NO-TILL	STRIP TILL
	CLEAN TILL			SPRING MULCH TILLAGE	(Cultivated)		
CROP SEQUENCE	PLOW FALL SPRING	PLOW PLANT	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 10 20 30 40 50 60 70 80 9	% COVER AFTER PLANTING 0 10 20 30 40 50 60 70 80 90

CROP TO BE PLANTED:

SORGHUM / SUDAN (DRILLED)

									,		LEL	_																							
Previous Crop Was:	1		li:	11		1	1	1		1	П	1	1	1		1	11		- 1	-1	П	1		1	1			1	- 11	-	- 1	- 1			
Alfalfa																			 _	_	-														
Barley	.33	.30			.22	.17	.13					.21	.16	.12									.10	.07	.06		.03								
Corn	.34	.33			.23	.18						.23	.17	.14								.14	.11	.09	.08	.07									
Corn Silage	.43	.43		.39							.39										.21														
Dry Beans																																			
Flax																																			
Grain Sorghum	.33	.31			.23	.18						.23	.17									.14	.11	.06											
Sorghum Silage	.38	.38			.30							.30									.24														
Millet	.32	.29			.21	.16						.20	.15	.11								.13	.10	.08	.04	.03									
Oats	.37	.33			.24	.19	.14					.23	.18	.13										.08		.04	.03								
Potatoes																																			
Rapeseed																																			
Rye																																			
Safflower	.44	.43																			.26														
Sorghum/Sudan	.43	.42		.37							.36										.29														
Sorghum/Sudan y2																																			
Soybeans (Narrow row)	.41	.39			.31							.30	.25								.26	.21	.12												
Soybeans (Wide row)	.41	.39		.34								.29									.25	.19	.12												
Spring Wheat	.42	.38			.28	.22						.28	.21									.19	.15	.08											
S. Fallow (Barley)	.44	.44			.31	.22						.31	.22									.17	.12	.07	.05										
S. Fallow (Millet)																																			
S. Fallow (Oats)	.46	.46			.31	.22						.30	.22									.18	.13	.07	.05										
S. Fallow (Sor./Sudan)	.49				.33							.34									.26	.15													
S. Fallow (Sp. Wht.)	.48	.48			.33	.25						.34									.27	.19	.11	.08											
Sunflowers	.37	.36		.30								.25									.21	.16	.10												
Winter Wheat	.31	.31			.20	.15	.12	.10				.18	.14	.10	.08								.09	.07		.03	.02								

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: Underlined numbers indicate C factors when 2.5 to

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGI	E		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ated)																						
(CROP SEQUENCE	PLOV	N	PLOW		,	% COVE	ER AFTI	ER PLA	NTING			,	% COVI	R AFT	ER PLA	NTING			•	% COVI	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SOYBEANS (NARROW ROW)

			<u>SO:</u>	I DE	AIN	<u> </u>	1AV	אתע	788	RU	VV)																						
Previous Crop Was:																																	
Alfalfa																																	
Barley	.23	.22			.16	.13	.10	.08				.16	.13	.09	.07									.06	.05	.03	.02						
Corn	.29	.27			.21	.17	.14	.11				.21	.17	.13	.11								.10	.08	.06	.04							
Corn Silage	.34	.34		.30							.30										.16												
Dry Beans																																	
Flax																																	
Grain Sorghum	.24	.23			.18	.14	.12					.17	.13	.11									.08	.06	.04								
Sorghum Silage	.34	.33			.27							.27									.21												
Millet																																	
Oats	.26	.23			.18	.14	.11	.09				.17	.14	.10	.08	.07								.06	.05	.03	.02						
Potatoes																																	
Rapeseed																																	
Rye																																	
Safflower																																	
Sorghum/Sudan	.33	.33			.26							.26									.23	.13											
Soybeans (Narrow row)	.31	.29			.23							.22	.18								.22	.15	.11										
Soybeans (Wide row)	.31	.29			.23							.22	.18									.14	.09										
Spring Wheat	.30	.29			.22	.18	.15					.22	.17	.14								.13	.11	.06	.05								
S. Fallow (Soybeans)																																	
Sunflowers	.28	.26			.20							.19									.13	.12	.07										
Winter Wheat	.28	.24			.18	.14	.12	.09				.17	.14	.11	.09	.07								.07	.06	.05							

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

Ī																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	СН ТП	LAG	E		SPRIN	G MUI	LCH T	TILLA	GE.				(Cultive	ated)																						
	CROP SEQUENCE	PLOV	W	PLOW			% COVE	ER AFTI	ER PLA	NTING			9	% COVI	R AFT	ER PLA	NTING				% COVE	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	% COVI	ER AFT	ER PLA	ANTING					
		FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SOYBEANS(WIDE ROW)

Previous Crop Was:

Previous Crop Was:																																	
Alfalfa	.23	.16		.18	.15	.12				.12	.10	.08	.07									.02											
Barley	.31	.27		.20	.16	.13	.10			.20	.16	.11	.09									.04	.04	.03			.07	.07	.05		Ш		
Corn	.32	.30		.23	.18	.15	.12			.22	.18	.14	.12									.05	.04					.08	.06				
Corn Y2	.30	.27		.17	.15	.13				.17	.14	.12	.10									.04	.03								ш	<u> </u>	
Corn Silage	.41	.41	.37	.24	<u>.20</u>	<u>.16</u>			.37	.23	.20	.16							.19												i .		
Dry Beans																															ш	<u> </u>	
Flax																																	
Grain Sorghum	.30	.29		.22	.18	.15				.22	.17	.14									.06	.05					.09	.08				<u> </u>	
Sorghum Silage	.41	.41		.29						.29									.19														
Millet																															ш	<u> </u>	
Oats	.34	.30		.23	.18	.14	.11			.22	.17	.13	.10										.05	.03				.07	.06	.05			
Potatoes																															ш	<u> </u>	
Rapeseed																																	
Rye																															ш	<u> </u>	
Safflower																																	
Sorghum/Sudan	.41	.40		.33						.32																						'	
Soybeans (Narrow row)	.39	.36		.29							.24									.15	.11					.17	.15						
Soybeans (Wide row)	.39	.37		.30							.24									.11	.09					.16	.14					<u> </u>	
Soybeans (WR) y2	.36	.33		.28	.25				.28 .	.26	.21									.09	.07												
Spring Wheat	.39	.35		.27	.23					.26	.21	.17									.10						.13					'	
S. Fallow (Soybeans)																																	
Sunflowers	.49	.33	.32							.24	.21									.09						.14					ш	<u>ا</u>	
Winter Wheat	.34	.30		.22	.18	.14	.12			.22	.17	.14	.10	.09								.07	.06				.11	.09	.07				

CROP TO BE PLANTED:

CULTIVATED SOYBEANS (WIDE ROW)

Previous Crop Was:

Corn	.31	.30		.23	.19	.16	.13			.23	.19	.15	.12								.10	.08						
Corn Silage	.41	.40	.37						.37									.32										
Soybeans (Wide row)																												
Spring Wheat	.39	.35	.31	.28	.23	.18			.30	.27	.21	.17							.17	.13	.09							

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: 00 Underlined numbers indicate C factors when 2.5 to

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

Ī																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	СН ТП	LAG	E		SPRIN	G MUI	LCH T	TILLA	GE.				(Cultive	ated)																						
	CROP SEQUENCE	PLOV	W	PLOW			% COVE	ER AFTI	ER PLA	NTING			9	% COVI	R AFT	ER PLA	NTING				% COVE	ER AFTI	R PLAN	NTING			% COV	ER AFTI	ER PLA	NTING				9	% COVI	ER AFT	ER PLA	ANTING					
		FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SPRING WHEAT

			<u> </u>	••••																														
Previous Crop Was:																																		
Alfalfa	.12	.07			.09	.07	.06				.06	.05											.03	.02	.01									
Barley	.16	.14			.11	.08	.07	.05	.04		.10	.08	.06	.05	.04								.04	.04	.03		.01	.01						
Corn	.15	.15			.11	.09	.07	.06	.04		.11	.09	.07	.05	.04							.06	.05	.04	.03	.02	.01							
Com Silage	.21	.21			.16	.10	.08				.16	.10	.08	.06							.12	.09	.05											
Dry Beans																																		
Flax																																		
Grain Sorghum	.15	.14			.11	.09	.07	.05			.10	.08	.06	.05									.05	.04	.03	.02								
Sorghum Silage	.22	.21			.16						.16	.12									.12	.09	.05									Ш		
Millet	.16	.14			.10	.08	.06	.05			.10	.08	.06	.04	.03							.06	.05	.04	.03	.01	.01							
Oats	.18	.15			.12	.09	.07	.06	.05		.11	.09	.07	.05	.04								.05	.04	.03		01	.01				Ш		
Potatoes																																		
Rapeseed																																ш	<u> </u>	
Rye																																		
Safflower	.22	.21									.15										.13	.08	.06									ш	<u> </u>	
Sorghum/Sudan	.18	.17			.13	.11					.13	.10									.10	.08	.04	.03										
	.18	.18			.14	_					.14	.10	.08									.08	.07	.05		.03						Ш	<u> </u>	
Soybeans (Wide row)	.18	.18			_	.11					.14	-										.08	.07		.03									
Spring Wheat	.21	.19			.15	.12	.09				.14	.11	.09	.07								.09	.07	.06	.03	.02						Ш	<u> </u>	
Spring Wheat y2																																		
S. Fallow (Barley)	.28	.28			.18	.14					.18	.12										.10	.07	.05	.03	.02						ш	Ш.	
S. Fallow (Millet)							<u> </u>												<u> </u>			ļ												
S. Fallow (Oats)	.29	.29			.20	.14					.19	.13			<u> </u>							.10	.07	.05	.03	.02						ш		
S. Fallow (Sp. Wht.)	.32	.32			.22	.15					.21										.17		.06	.04										
Sunflowers	.17	.16			.12	_			<u> </u>		.12	.09						_	<u> </u>		.08	.07	.05	.03	.02						 <u> </u>	ш	Щ.	Ш
Watermellons		.24		.21	_					.20					<u> </u>	<u> </u>																		
Winter Wheat	.19	.16			.13	.10	.08	.07	.06		.12	.10	.08	.06	.05								.06	.05	.04		.02	.01				ш	<u> </u>	Ш

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: Underlined numbers indicate C factors when 2.5 to

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

					RIDGE TILL	NO-TILL	STRIP TILL
	CLEAN TILL			SPRING MULCH TILLAGE	(Cultivated)		
CROP SEQUENCE	PLOW FALL SPRING	PLOW PLANT	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 5 10 20 30 40 50 60	% COVER AFTER PLANTING 10 20 30 40 50 60 70 80 9	% COVER AFTER PLANTING 0 10 20 30 40 50 60 70 80 90

CROP TO BE PLANTED:

SUMMER FALLOW

			SUN	IIIII	EK I	FAL	_LO	<u> </u>																										
Crop before / after:																																_	 	
Alfalfa / WW	.41	.29		.29	.25	.19					.19	.17	.14										.06	.05									Щ.	
Barley / Barley	.54	.45			.28	.21	.15	.12	.11	.09		.26	.19	.15	.12	.10									.05	.04	.03	.03					Щ	
Barley / WW	.48	.40			.24	.17	.12		.09	.07		.19	.15	.12	.09	.07									.04	.04	.04	.03					4	
Barley / Corn	.59	.50			.31	.23	.17	.13	.11	.10		.26	.21	.17	.13	.10	.09								.05	.04	.04	.03						
Barley / Millet	.53	.46			.28	.20	.15	.11	.10	.08		.23	.18	.14	.11	.09	.08								.05	.05	.04	.02	.02				4	
Barley / Sorhum Sudan	.61	.51			.32	.24	.17	.13	.12	.10		.28	.21	.17	.13	.12	.10							.08	.07	.06	.04	.03						
Barley / Sp Wht	.51	.42			.25	.19	.14	.11	.10	.08		.21	.16	.14	.11	.09	.08							.05	.05	.04	.04	.02						
Com / Com	.67	.62			.38	.35	.24	.19	.14			.31	.30	.23	.19	.14							.09 .	.08									Ш.	
Corn / WW	.46	.45			.23	.20	.16	.14	.10	.08		.20	.19	.16	.13	.09								.05										
Corn Silage / Corn Silage	.78	.76			.69	.51	.43	.38				.63	.51	.43	.38							33											Ш.	
Dry Beans / Dry Beans																																		
Flax / Flax																																	Ш.	
Grain Sorg / Grain Sorg	.65	.60			.38	.33	.23	.21				.37	.30	.23	.19								.12 .	.09										
Grain Sorg / WW	.45	.44			.24	.17	.16	.15	.12			.21	.17	.16	.12	.10	.08].	.06	.05	.04	.03							
Sorg Silage / Sorg Silage																																		
Millet / Millet	.55	.55			.31	.28	.24	.16	.14	.12		.29	.23	.21	.17	.16	.11].	.10	.08	.07	.06	.03	.02					
Millet / WW	.44	.40			.23	.17	.15	.13	.11	.10		.19	.14	.14	.13	.10	.08							.05	.05	.05	.04	.03	.02					
Oats / Oats	.60	.49			.31	.23	.16	.13	.12	.09		.29	.22	.16	.13	.11].	.06	.06	.05	.05	.04						
Oats / Barley	.52	.43			.26	.19	.13	.10	.10	.08		.21	.16	.13	.10	.09	.08								.04	.04	.04	.03	.02					
Oats / Corn	.65	.55			.33	.26	.18	.14	.13	.11		.29	.22	.18	.14	.12									.05	.04	.03	.02						
Oats / Millet	.58	.50			.30	.22	.16	.12	.11	.09		.25	.19	.17	.13	.10	.09								.06	.05	.04	.03						
Oats / Sorg Sudan	.67	.56			.36	.27	.20	.15	.13	.11		.30	.23	.20	.15].	.09	.08	.06	.04	.03						
Oats / Sp. Wht.	.56	.46			.28	.21	.15	.11	.11	.10		.24	.18	.15	.11	.10	.08							.06	.05	.05	.05	.03						
Potatoes / Potatoes																																		
Rapeseed / Rapeseed																																		
Rye / Rye																																		
Safflower / Safflower	.80	.79			.63	.51	.45					.63	.51	.45	.45							44	.37 .	.20										
Sorg Sudan / Sorg Sudan	.78				.65	.48	.41	.34				.59	.48	.41	.34				1			37												
Sorg Sudan / WW	.57	.55			.41	.33	.25	.22				.38	.32	.25	.22	.19							.19 .	.15	.12	.07	.05							
S.beans(NR)/S.beans(NR	2)																																	
S.beans(WR)/S.beans(W	R)																																	
Sp. Wheat / Sp. Wheat	.68	.56			.40	.28	.15	.12	.12			.38	.28	.15	.12								.13 .	.12	.12									
Sp. Wht. / WW	.58	.49			.32	.24	.17	.15	.12	.11		.27	.21	.17	.15	.12							.11 .	.09	.08	.08	.04							
Sp. Wht. / Barley	.57	.49			.31	.23	.17	.15	.12		1	.27	.21	.17		.12								.08	.08		.04						1	
Sp. Wht. / Corn	.71	.61			.42	.30	.28	.22	.18			.37	.30	.24	.20								.12 .	.11	.07	.06								
Sp. Wht. / Millet	.64	.55			.37	.28	.20	.17	.14		1	.32	.25	.20	.17	.14							.12 .	.11	.09	.06	.04						1	
Sp. Wht / Sorg Sudan	.74	.63			.45	.32	.29	.24	.19			.39	.32	.26	.22								.17 .	.16	.10	.08								
Sunflowers / Sunflowers	.72	.67			.53	.40	.32				1	.48	.39	.32								20	_	.12									1	
W. Wheat / W. Wheat	.58	.47			.30	.23	.19	.12				.24	.19	.15	.12									.06	.05	.04	.03	.03						
			Ш																											-11				

NOTE: Crop before / after describes the crop before summer fallow and the crop to be planted after summer fallow.

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

Ī																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	СНТП	LAGI	E		SPRIN	G MU	LCH T	TILLA	GE				(Cultive	ated)																						
	CROP SEQUENCE	PLOV	W	PLOW			% COVE	ER AFTI	R PLA	NTING				% COVI	R AFT	ER PLA	NTING				% COVE	ER AFTI	R PLAN	TING			% COV	ER AFTI	ER PLAN	NTING				9	6 COVE	R AFT	ER PLA	NTING					
		FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

SUNFLOWERS

			<u>SUI</u>	NFL	OW	<u>/ER</u>	<u>S</u>																														
Previous Crop Was	:																																				
Alfalfa																																					
Barley	.35	.32			.24	.18	.15	.12			.23	.18	.13	.11				.1	7 .	15					.08	.06	.04	.03									
Corn	.40	.38			.28	.22	.18				.27	.22	.17					.2	21 .	18				.11	.09	.05					.15	.12	.09				
Corn Silage	.50	.50		.45						.44						.46	5					.23															l
Dry Beans																																					
Flax																																					l
Grain Sorghum	.39	.37			.27	.22					.27	.21					.22	!							.07						.16	.11					
Sorghum Silage	.51	.50			.38						.38											.23															i
Millet	.36	.33			.25	.19	.15				.23	.18	.13					.1	9 .	16				.11	.09	.06	.03										
Oats	.39	.35		.26	.23	.18	.14				.20	.16	.13	.12				.1	9 .	17					.09	.06	.05	.03				<u>l</u>					L
Potatoes																																					
Rapeseed																														<u> </u>		<u>l</u>					
Rye																																					
Safflower																																<u>l</u>					
Sorghum/Sudan	.50	.49		.43						.43						.42	2					.28															
Soybeans (Narrow row)	.48	.45			.36						.34						.33					.27	.21	.17										╧			
Soybeans (Wide row)	.49	.45			.34						.34	.28					.33							.11						.25	.19						
Spring Wheat	.44	.41			.31	.26					.31	.23						.2	25				.18	.15	.11							<u>l</u>					
S. Fallow (Sunflowers)	.54	.54								.45												.22															
Sunflowers																																	\perp	┸			
Winter Wheat	.42	.38			.27	.21	.17				.26	.20	.16	.13	.10			.2	20 .	18						.08	.07				.17	.13	.10	.0	19		

CROP TO BE PLANTED:

CULTIVATED SUNFLOWERS

Previous Crop Was:

NOTE:

Corn	.4	10	.37		.28	.2.	3 .19)				27	.23	.17							 16	.13	.11							
Grain Sorghu	ım .3	39	.37	.31	.27	.2.	3			.30	0	27	.22								 16	.13								
Spring Wheat	.4	14	.41	.36	.31	.2	6				- I.	31	.24	.20						.2	17	.14								1

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																			RID	GE T	ILL					NO-	TILL							9	STRI	P TI	LL						
		CLEAN	TILL	SPRING		FALL	MULC	сн тп	LAGI	Ε	S	PRING	MUI	LCH 1	ILLA	GE				(Cultive	ated)																						
CRO	OP SEQUENCE	PLOV	N	PLOW		•	% COVE	ER AFTI	R PLA	NTING			%	6 COVE	RAFT	ER PLA	NTING				% COVE	ER AFTI	R PLA	NTING			% COV	ER AFTI	ER PLA	NTING				9	6 COVE	RAFT	ER PLA	NTING					
		FALL S	SPRING	PLANT	5	10	20	30	40	50	60	5 1	0	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

WATERMELLONS

		<u>WA</u>		(IVIE	:LLC	ONS	2																				
Previous Crop Was:																											
Alfalfa	.13			.14						.09	.07																
Corn	.24		.20	.18	.14					.17	.13																
Spring Wheat	.29			.23	.19					.22	.18																
Watermellons	.41		.37						.37																		
Watermellons Y2	.35		.32						.30																		
																						_					
																						_					
																										_	
																										_	
																						_				_	
		-											<u> </u>													_	 _
																					_						
		-																				_				_	

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.

NOTE: 00 Underlined numbers indicate C factors when 2.5 to

NOTE:

C FACTORS FOR CROPLAND (Single Year) - MITCHELL (87E) - LOW YIELDS

																	RII	GE T	ILL					NO-	TILL							5	TRIE	TII	LL						
	CLEAN TILL	SPRING		FALL	MULCI	H TIL	LAGI	E	s	PRIN	3 MU	LCH T	TILLA	.GE				(Cultiv	vated)																						
CROP SEQUENCE	PLOW	PLOW			% COVER	RAFTE	R PLA!	NTING			•	% COVI	R AFT	ER PLA	NTING				% COV	VER AFT	ER PLA	NTING			% COVI	R AFTI	ER PLA	NTING				9	6 COVE	AFTI	ER PLA	NTING					
	FALL SPRING	PLANT	5	10	20	30	40	50	60	5	10	20	30	40	50	60	5	10	20	30	40	50	60	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90

CROP TO BE PLANTED:

WINTER WHEAT

			<u>WIN</u>	1 I E	K W	/HE	<u>:A I</u>																							
Previous Crop Was:																														
Alfalfa																														
Barley	.11	.11			.07	.05	.04	.03	.03	.02											.02	.02	.01	.007	.004					
Corn Silage																														
Dry Beans																														
Flax																														
Sorghum Silage																														
Millet	.10	.10			.07	.06	.04	.03	.03											.03	.02	.02	.01	.006	.004					
Oats	.12	.12			.08	.06	.05	.04	.03	.02											.02	.02	.01	.007	.005					
Rapeseed																														
Rye																														
Sorghum/Sudan	.12	.12			.09	.07	.06												.05	.04	.03	.02	.01							
Soybeans (Narrow row)																					.04	.03	.02							
Spring Wheat	.13	.13			.09	.07	.06	.04	.03											.04	.03	.02	.01	.008	.006					
S. Fallow (Alfalfa)	.21	.19		.18	.16						.16	.14						.11	.06	.04										
S. Fallow (Barley)	.18				.12	.09	.07	.05											.07	.05	.04	.02	.01	.01						
S. Fallow (Corn)	.21				.15	.11	.09	.07											.08			.03								
S. Fallow (Corn Sil.)																														
S. Fallow (G. Sorgh.)	.21				.15	.11	.09											.10	.08	.06	.04	.03								
S. Fallow (Millet)	.19				.13		.06	.05	.04										.07	.05	.04	.02	.01	.01						
S. Fallow (Sor/Sudan)	.22				.15	.12	.09											.13	.09	.05	.04									
S. Fallow (Soybeans)																														
S. Fallow (Sp. Wht)	.20				.13	.10	.08											.10	.07	.06	.03	.02								
S. Fallow (Sunflowers)																														
S. Fallow (W. Wht.)	.20				.13														.07	.05	.04	.02	.01							
Winter Wheat	.12				.08	.07	.05	.03												.03	.02	.02	.02	.01	.007	.006				
Winter Wheat y2																														

NOTE: Y2 The crop to be planted is the 2nd year after alfalfa.